

tant deposit is on the Virginia side of the Potomac, and forms the north slope of what is termed the New Creek Ridge. The precipitous nature of the mountain slope allows the discharge of the Coal by means of a slide, from each successive stratum, into the very bed of the river below."

In the same report the quality of those Coal deposits is stated to be "of that variety distinguished as *Slate Coal*, which is ranked among the best, as it burns easily, with a bright flame, swells and agglutinates, or *cakes*, as it is termed, and leaves but very little residue; by analysis it gave the following results: Carbon 70; Bitumen 20⁵/₁₀; Earthy Matter only 6; Water 3⁵/₁₀; together constituting 100 parts."

In the same vicinity, Lime Stone abounds in endless quantity, and in stratified form, most easy to be quarried and calcined. It is also formed along the banks of the river, at numerous places and in endless quantity.

In perpetual kilns, it may be burnt with Coal, so extensively and cheaply as to be furnished at tide water, for a price but little higher, if any, than the price of Coal; which, according to the highest estimate, will not exceed 13 cents per bushel.* In the same scientific report, page 37, it is also remarked by its learned authors, "That Iron ore abounds in the *Coal* districts of Allegany county, associated with *this* mineral, and that a similar occurrence has been considered the most prolific source of commercial

5 Vide 5th Annual Report of the Chesapeake and Ohio Canal Company, page 12. And your Committee are indebted to David Shriver, for the following estimate:

A boat of 75 tons, or 2100 bushels further, drawn by one horse, governed by a man and boy, will pass on the Canal, in 7 days, from Cumberland to Georgetown—at an expense not exceeding, to their employer, 2½ to 4 dollars per day—or for the trip down 21 dollars, or

To which add for tolls, say rather less than 1 cent.
per ton per mile, or

And there will remain for transportation, mine
rent, labor, and profit,

If the Coal be sold at

1 cent per bush.

6 cents per bush.

5 cents per bush.

12 cents per bush.